

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020519\
 Data File : VN053618.D
 Acq On : 5 Feb 2019 14:29
 Operator : JC/SP
 Sample : K1341-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 HR-05-020419-A

Quant Time: Feb 06 04:34:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	792400	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1294679	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1178890	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	516673	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	411429	51.76	ug/l	0.00
Spiked Amount						
			Recovery	=	103.52%	
35) Dibromofluoromethane	7.59	113	405240	49.54	ug/l	0.00
Spiked Amount						
			Recovery	=	99.08%	
50) Toluene-d8	10.09	98	1570730	51.14	ug/l	0.00
Spiked Amount						
			Recovery	=	102.28%	
62) 4-Bromofluorobenzene	12.40	95	527895	51.53	ug/l	0.00
Spiked Amount						
			Recovery	=	103.06%	

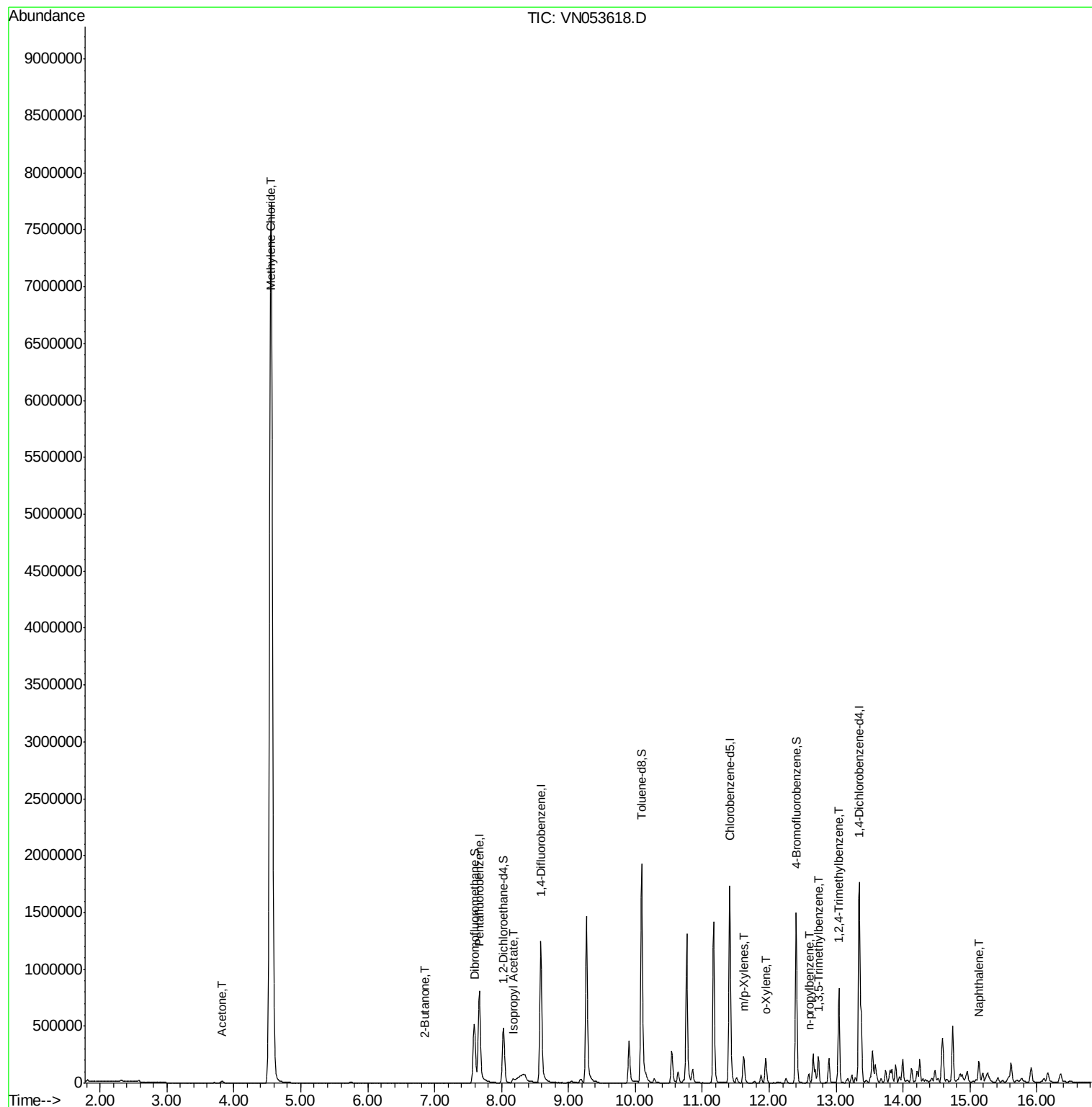
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	34271	16.808	ug/l	100
20) Methylene Chloride	4.55	84	6184426	722.944	ug/l	99
25) 2-Butanone	6.85	43	5458	1.877	ug/l #	85
43) Isopropyl Acetate	8.17	43	48443	3.848	ug/l #	73
68) m/p-Xylenes	11.62	106	81324	5.180	ug/l	99
69) o-Xylene	11.95	106	64263	4.237	ug/l	99
78) n-propylbenzene	12.59	91	61797	1.472	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	128997	4.283	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	484914	15.802	ug/l	99
95) Naphthalene	15.13	128	160241	8.551	ug/l	99

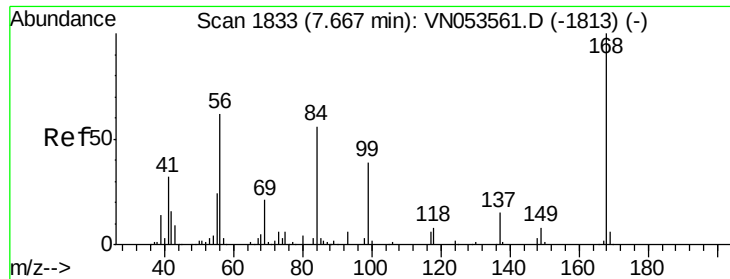
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 01 09:11:52 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053618.D

Acq: 5 Feb 2019 14:29

Instrument :

MSVOA_N

ClientSampleId :

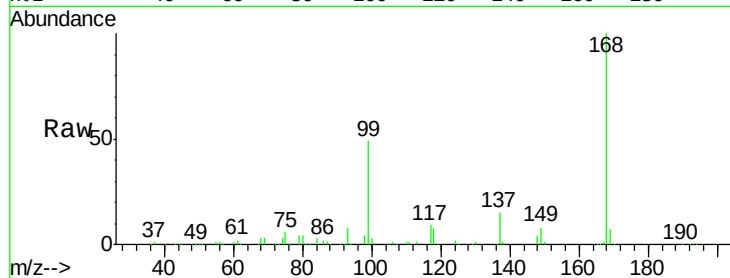
HR-05-020419-A

Tot Ion:168 Resp: 792400

Ion Ratio Lower Upper

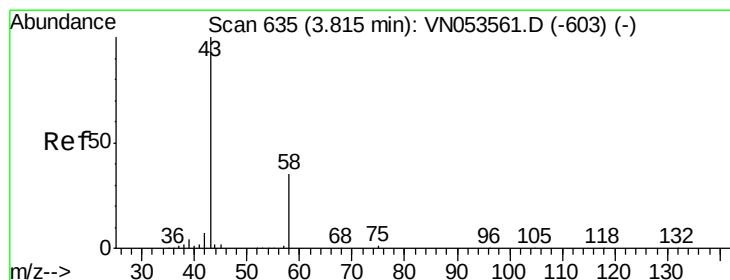
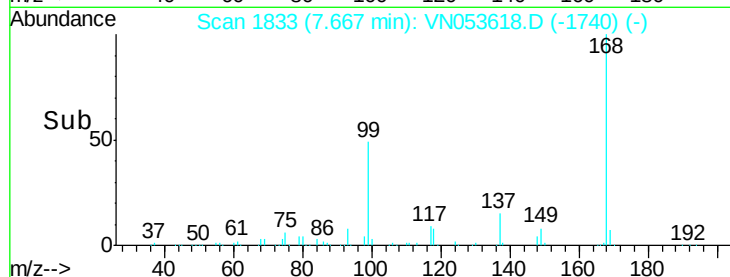
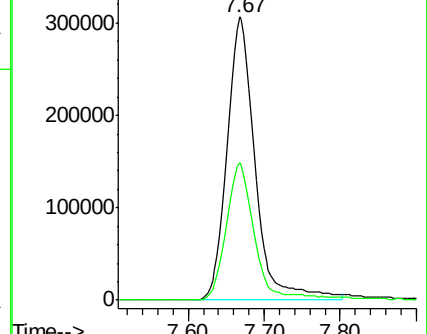
168 100

99 48.7 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 16.808 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN053618.D

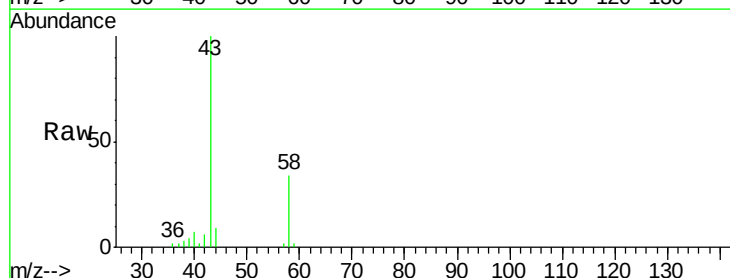
Acq: 5 Feb 2019 14:29

Tgt Ion: 43 Resp: 34271

Ion Ratio Lower Upper

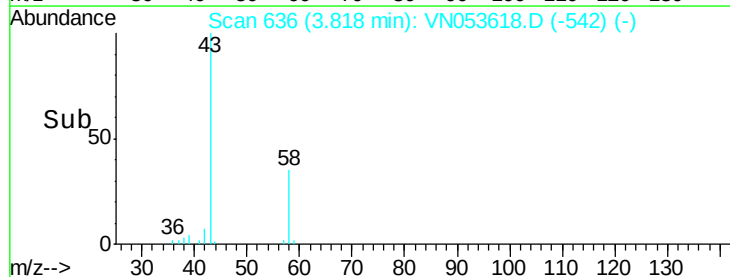
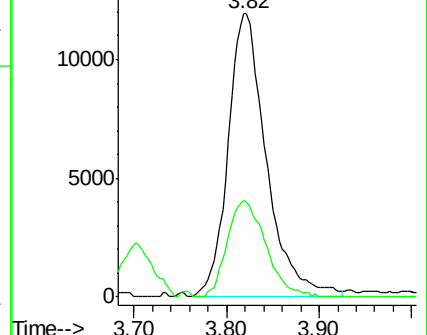
43 100

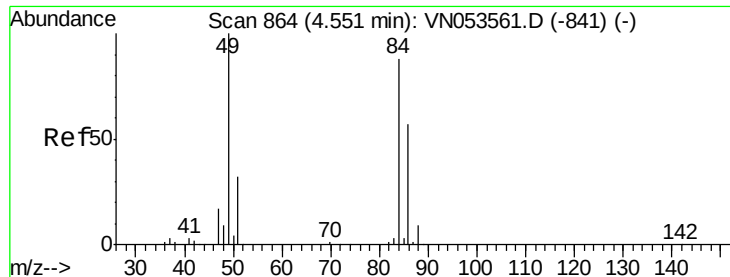
58 34.2 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

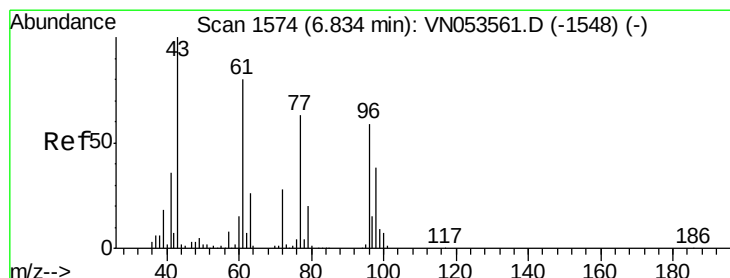
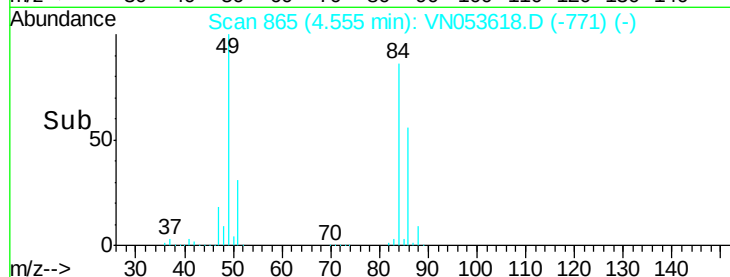
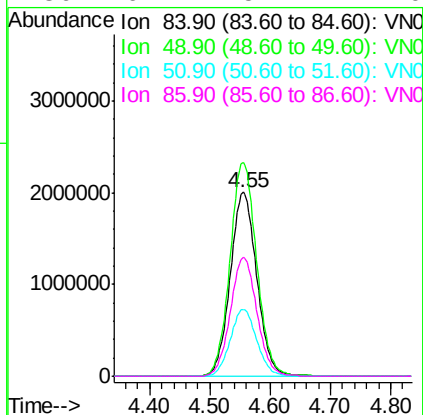
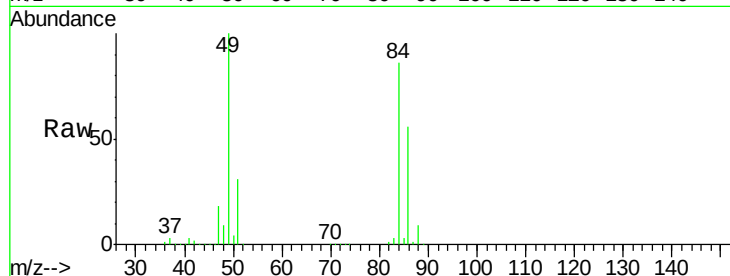




#20
Methvlene Chloride
Concen: 722.944 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053618.D
Acq: 5 Feb 2019 14:29

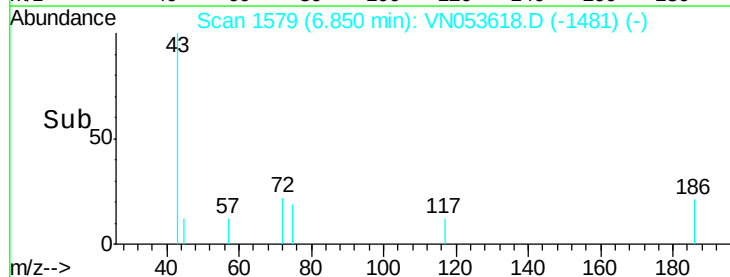
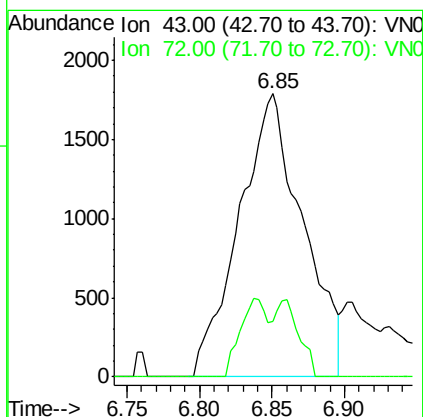
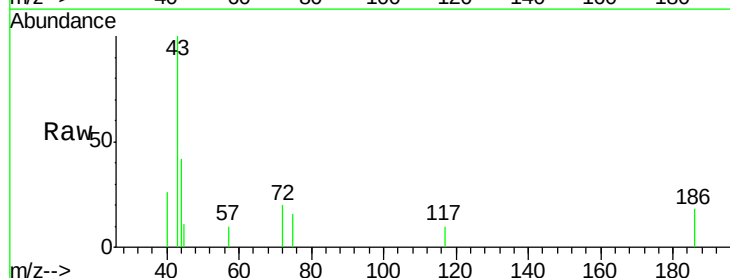
Instrument :
MSVOA_N
ClientSampleId :
HR-05-020419-A

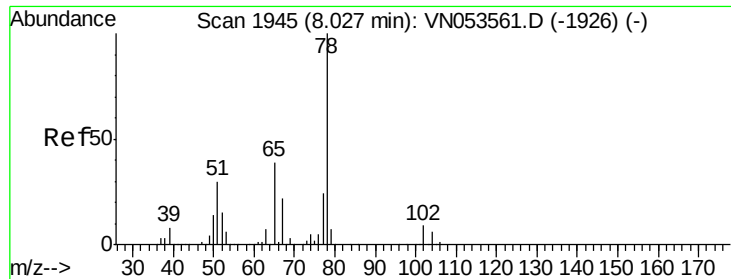
Tot Ion: 84 Resp: 6184426
Ion Ratio Lower Upper
84 100
49 116.0 94.3 141.5
51 36.4 29.4 44.2
86 64.4 51.4 77.0



#25
2-Butanone
Concen: 1.877 ug/l
RT: 6.85 min Scan# 1579
Delta R.T. 0.02 min
Lab File: VN053618.D
Acq: 5 Feb 2019 14:29

Tgt Ion: 43 Resp: 5458
Ion Ratio Lower Upper
43 100
72 19.6 22.0 33.0#

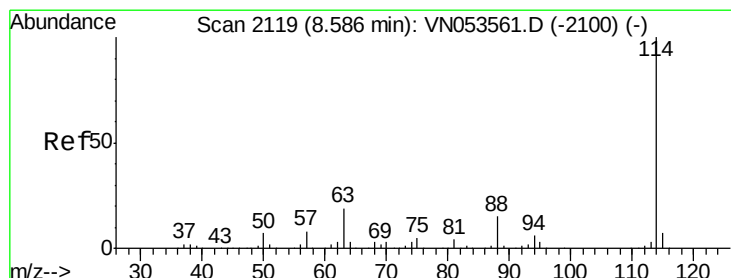
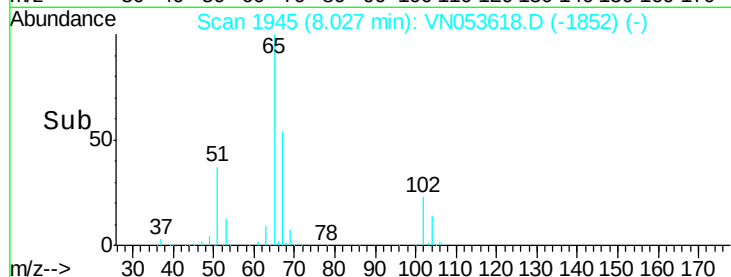
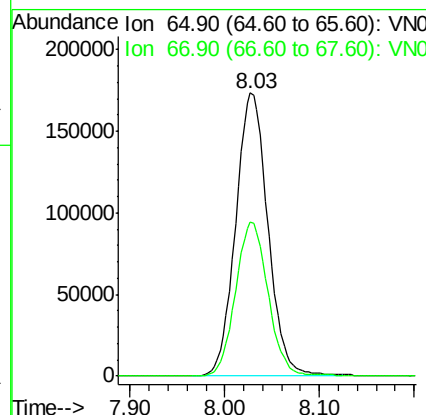
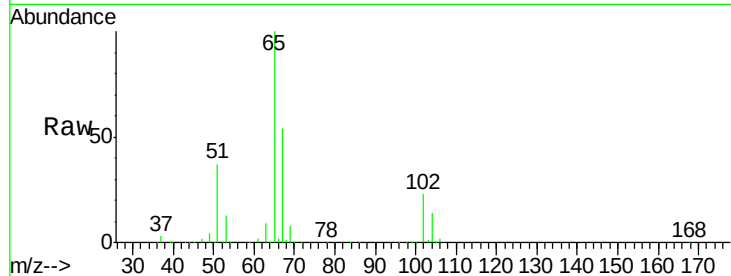




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053618.D
 Acq: 5 Feb 2019 14:29

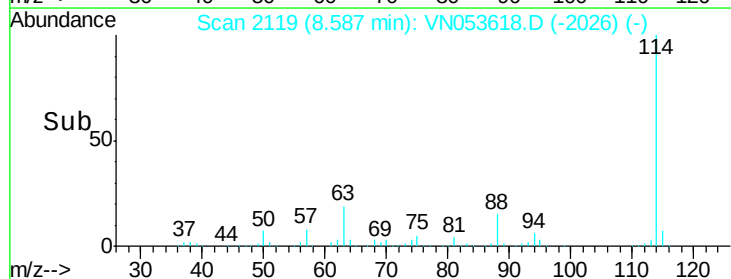
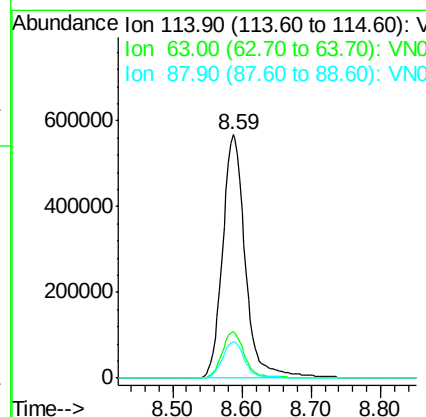
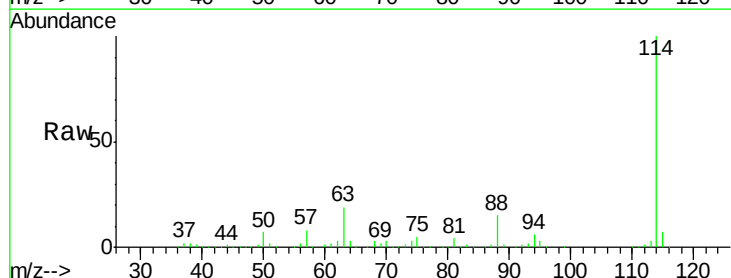
Instrument :
 MSVOA_N
 ClientSampleId :
 HR-05-020419-A

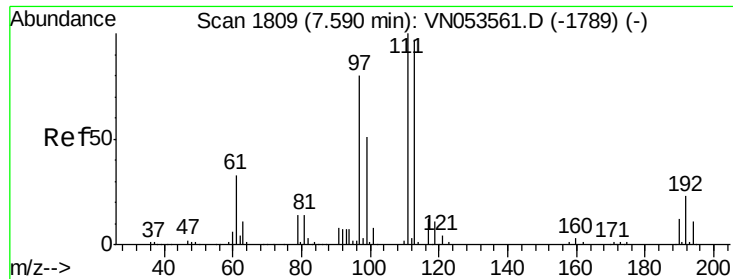
Tot Ion: 65 Resp: 411429
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 111.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053618.D
 Acq: 5 Feb 2019 14:29

Tgt Ion: 114 Resp: 1294679
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 38.6
 88 14.9 0.0 30.4





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN053618.D

Acq: 5 Feb 2019 14:29

Instrument :

MSVOA_N

ClientSampleId :

HR-05-020419-A

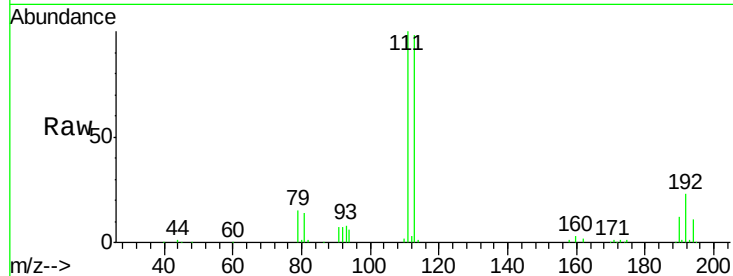
Tot Ion:113 Resp: 405240

Ion Ratio Lower Upper

113 100

111 102.0 81.1 121.7

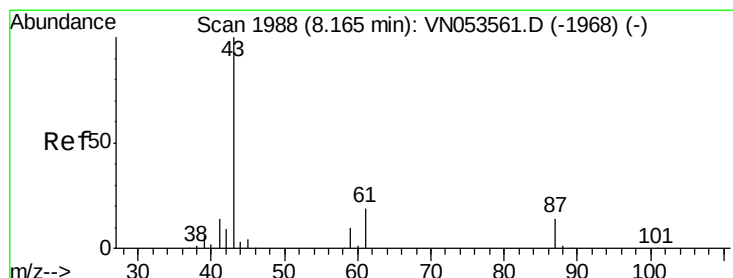
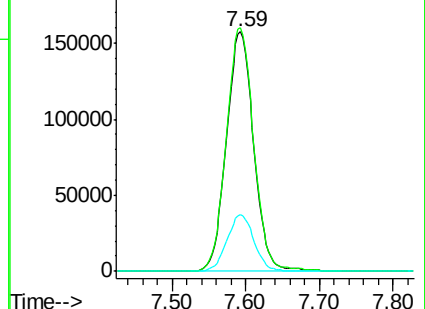
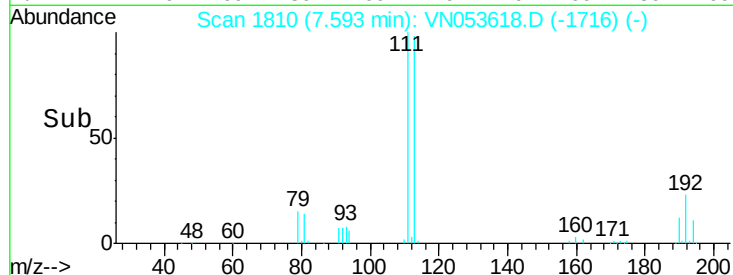
192 23.3 18.2 27.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#43

Isopropyl Acetate

Concen: 3.848 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.01 min

Lab File: VN053618.D

Acq: 5 Feb 2019 14:29

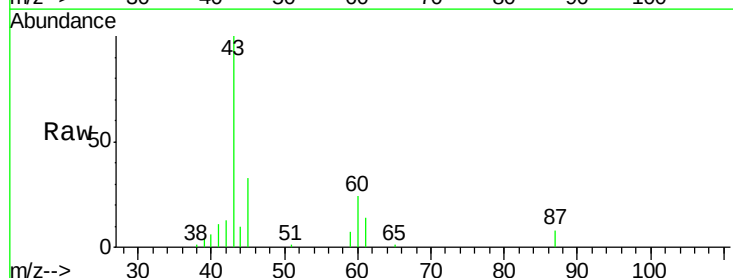
Tgt Ion: 43 Resp: 48443

Ion Ratio Lower Upper

43 100

61 12.5 23.9 35.9#

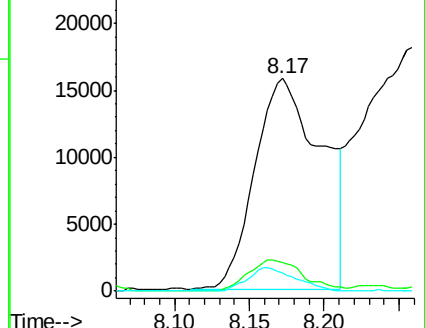
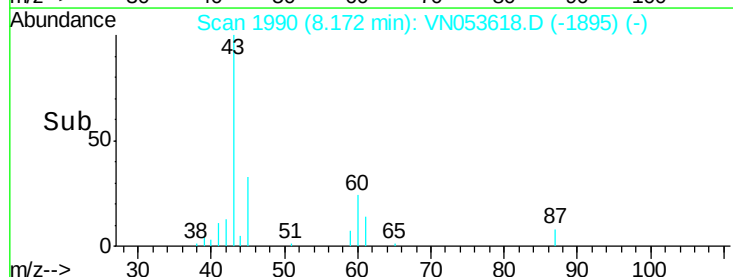
87 7.9 11.0 16.6#

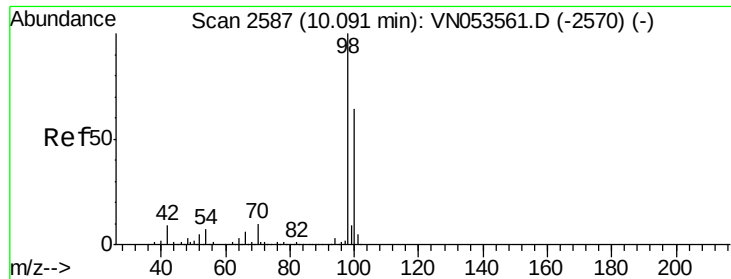


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053618.D

Acq: 5 Feb 2019 14:29

Instrument :

MSVOA_N

ClientSampleId :

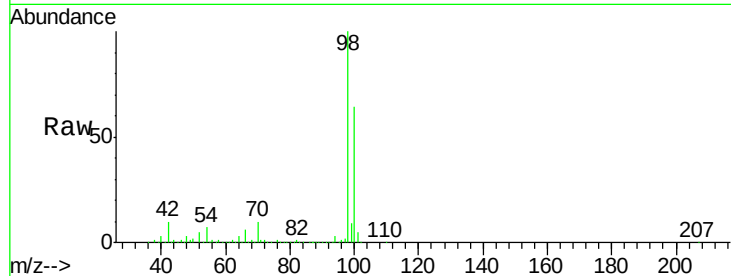
HR-05-020419-A

Tot Ion: 98 Resp: 1570730

Ion Ratio Lower Upper

98 100

100 64.4 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN053618.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN053618.D (-2570) (-)

10.09

800000

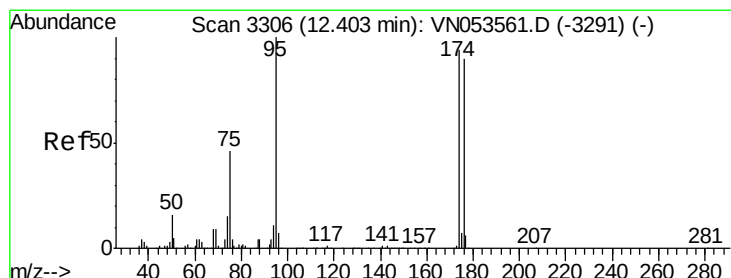
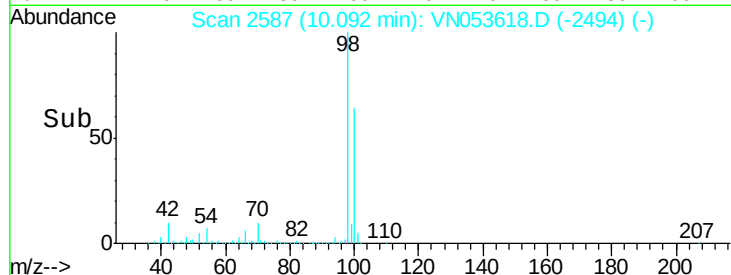
600000

400000

200000

0

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053618.D

Acq: 5 Feb 2019 14:29

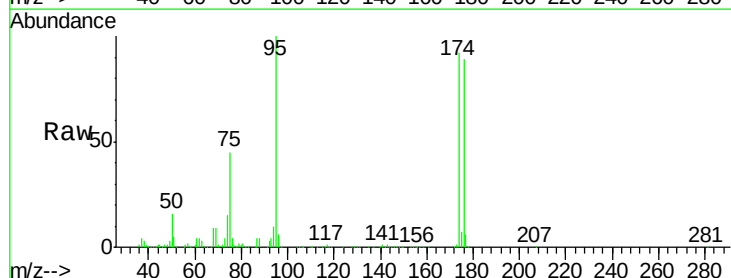
Tgt Ion: 95 Resp: 527895

Ion Ratio Lower Upper

95 100

174 92.8 0.0 183.2

176 89.4 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN053618.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN053618.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN053618.D (-3291) (-)

12.40

400000

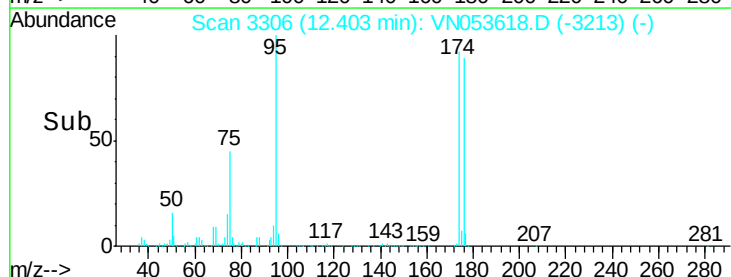
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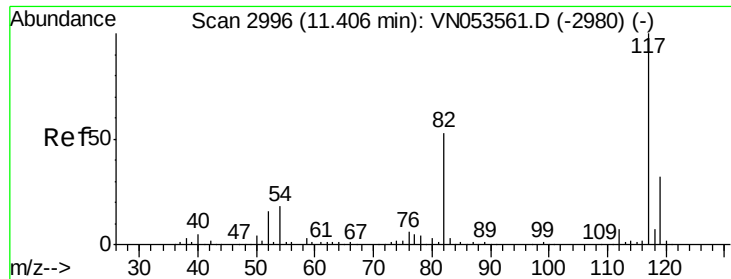
200000

100000

0

Time-->

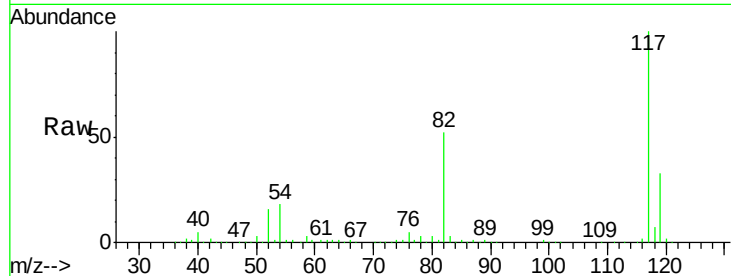




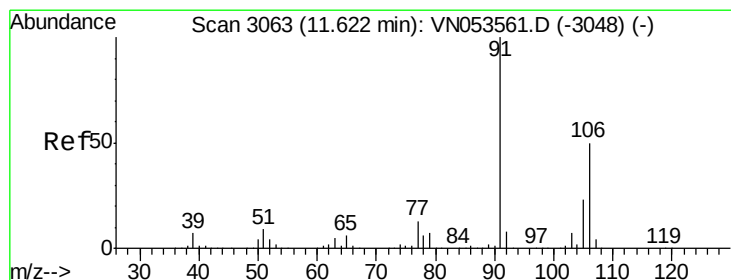
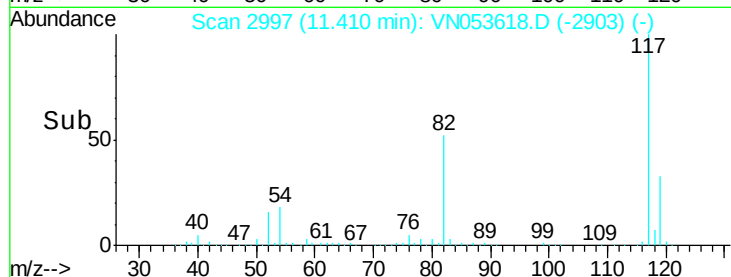
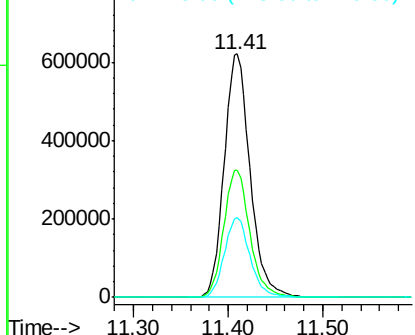
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053618.D
Acq: 5 Feb 2019 14:29

Instrument :
MSVOA_N
ClientSampleId :
HR-05-020419-A

Tot Ion:117 Resp: 1178890
Ion Ratio Lower Upper
117 100
82 52.4 42.9 64.3
119 32.8 26.0 39.0

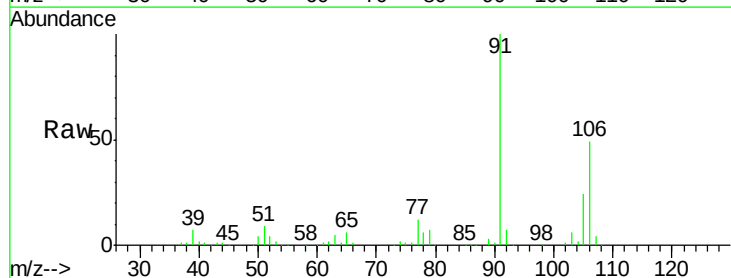


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

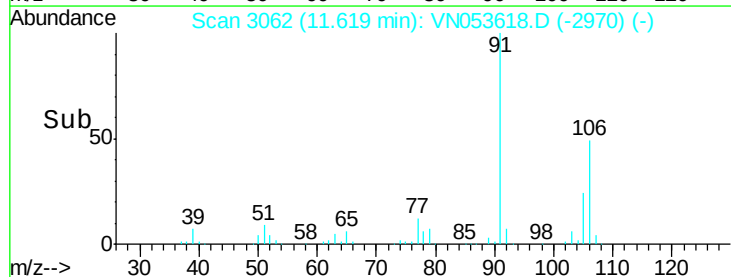
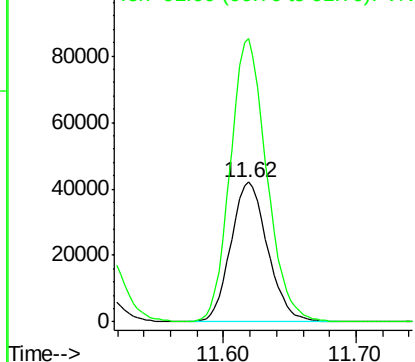


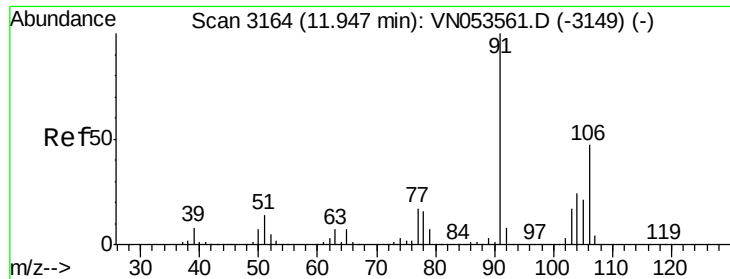
#68
m/p-Xylenes
Concen: 5.180 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN053618.D
Acq: 5 Feb 2019 14:29

Tgt Ion:106 Resp: 81324
Ion Ratio Lower Upper
106 100
91 200.1 161.4 242.2



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

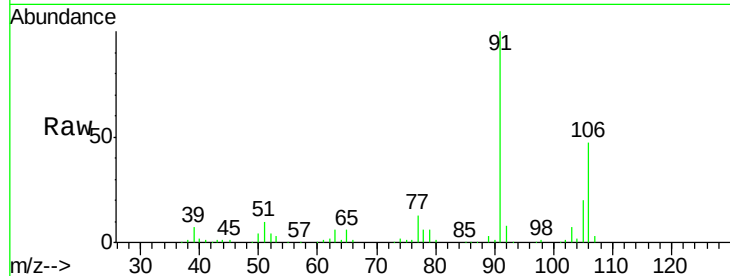




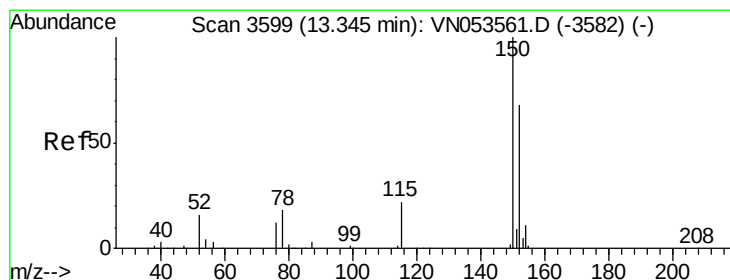
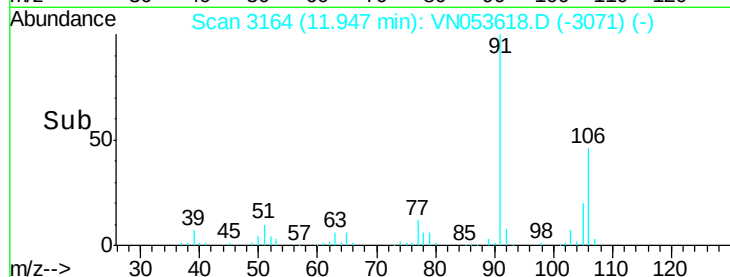
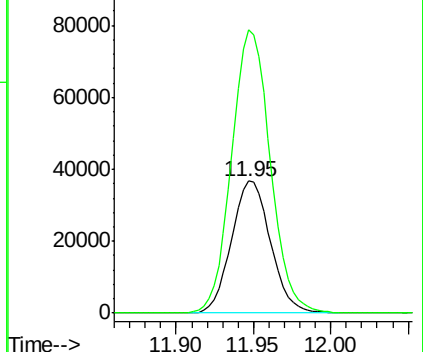
#69
o-Xylene
Concen: 4.237 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN053618.D
Acq: 5 Feb 2019 14:29

Instrument :
MSVOA_N
ClientSampled :
HR-05-020419-A

Tot Ion:106 Resp: 64263
Ion Ratio Lower Upper
106 100
91 212.8 106.9 320.8

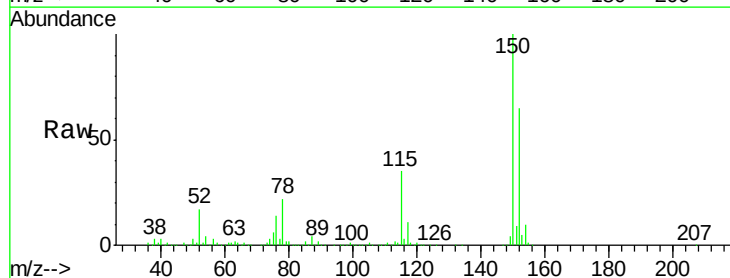


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

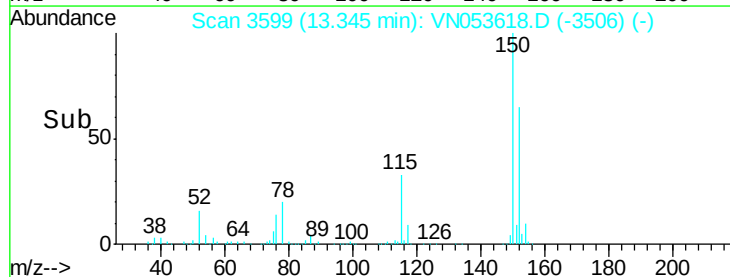
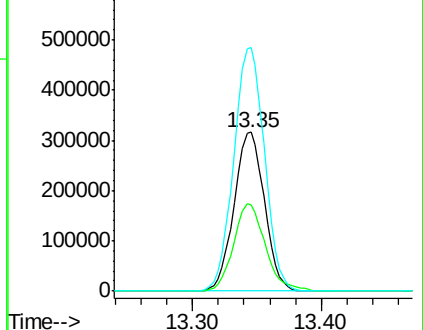


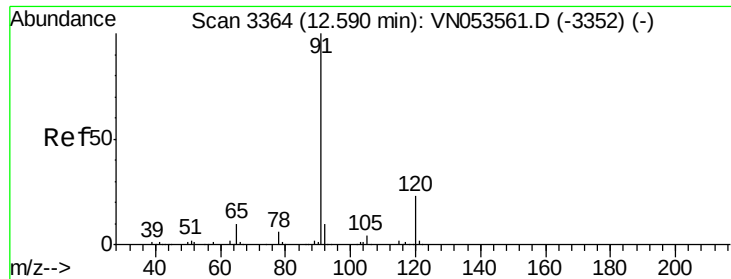
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053618.D
Acq: 5 Feb 2019 14:29

Tgt Ion:152 Resp: 516673
Ion Ratio Lower Upper
152 100
115 57.8 27.8 83.4
150 155.4 0.0 349.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#78

n-propylbenzene

Concen: 1.472 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN053618.D

Acq: 5 Feb 2019 14:29

Instrument :

MSVOA_N

ClientSampled :

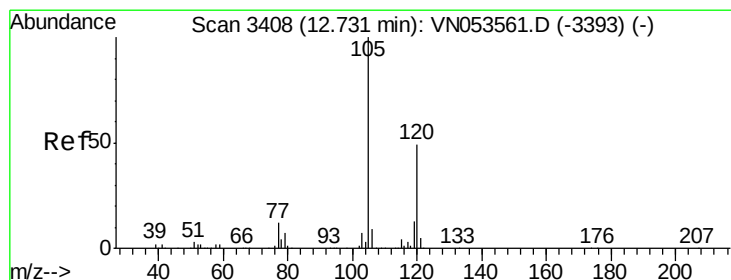
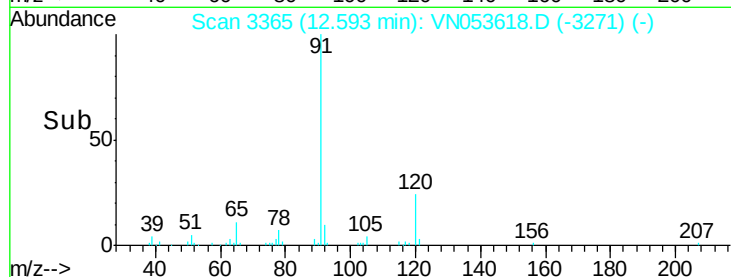
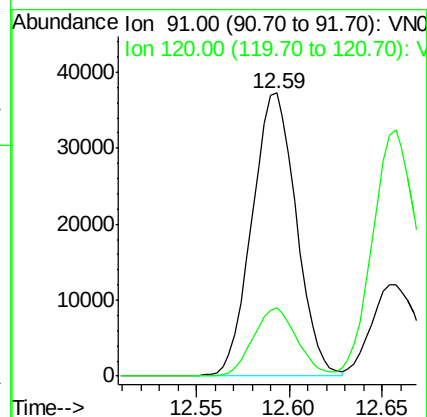
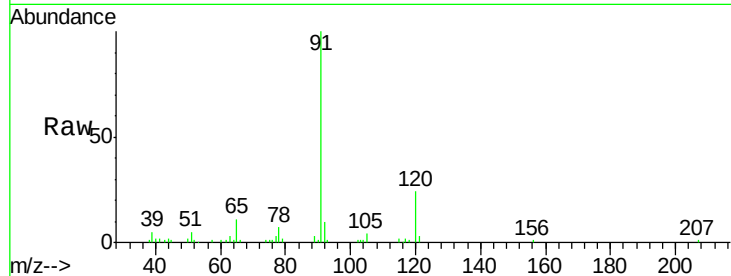
HR-05-020419-A

Tot Ion: 91 Resp: 61797

Ion Ratio Lower Upper

91 100

120 23.8 11.9 35.5



#80

1,3,5-Trimethylbenzene

Concen: 4.283 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053618.D

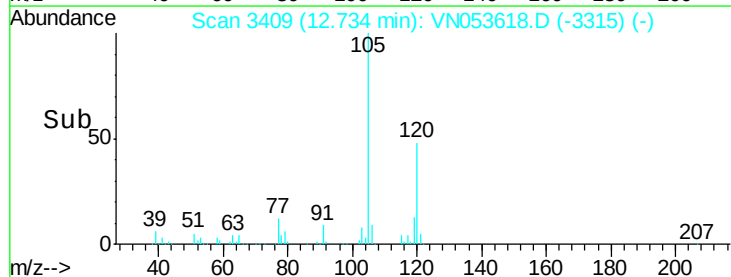
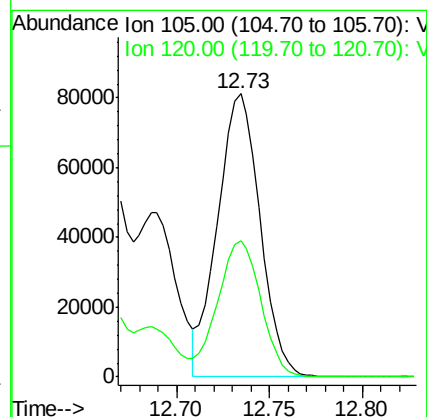
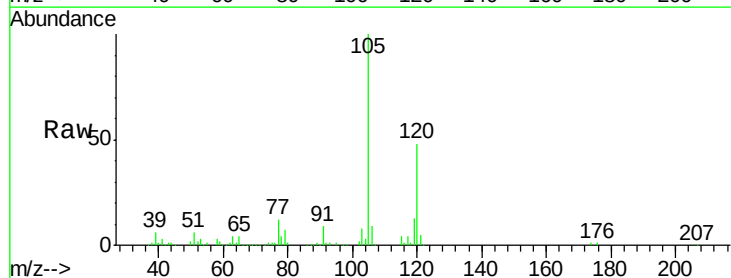
Acq: 5 Feb 2019 14:29

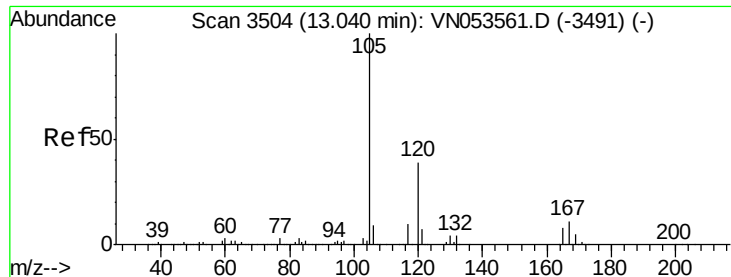
Tgt Ion: 105 Resp: 128997

Ion Ratio Lower Upper

105 100

120 48.7 24.9 74.6





#84

1,2,4-Trimethylbenzene

Concen: 15.802 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN053618.D

Acq: 5 Feb 2019 14:29

Instrument :

MSVOA_N

ClientSampleId :

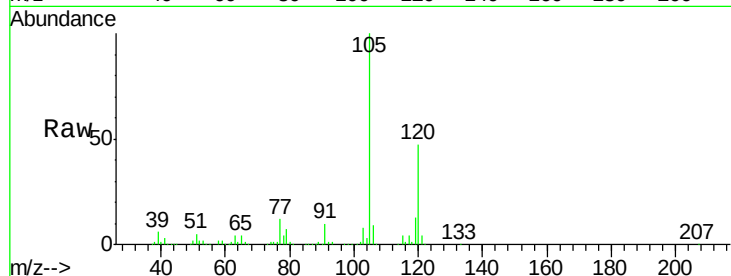
HR-05-020419-A

Tot Ion:105 Resp: 484914

Ion Ratio Lower Upper

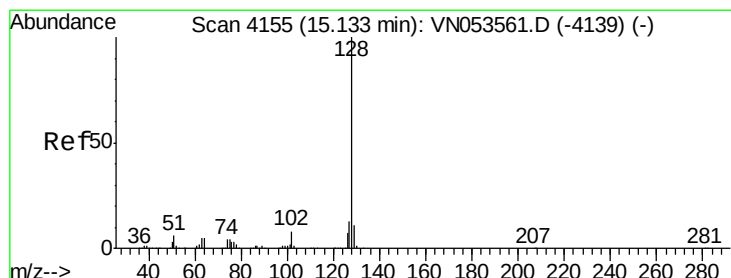
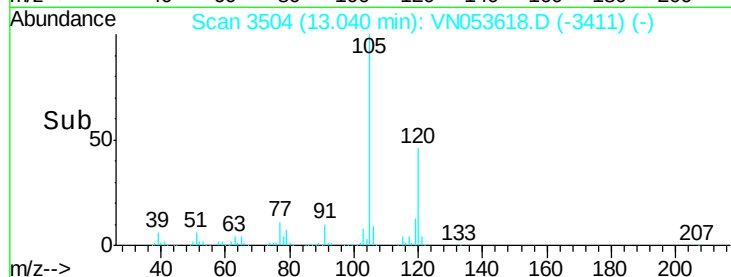
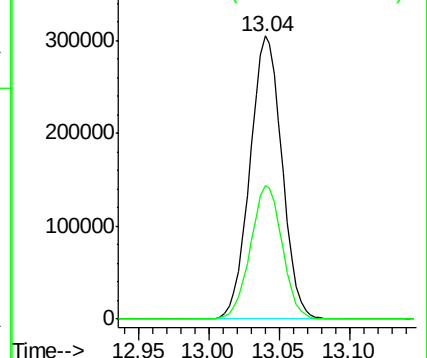
105 100

120 46.8 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 8.551 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053618.D

Acq: 5 Feb 2019 14:29

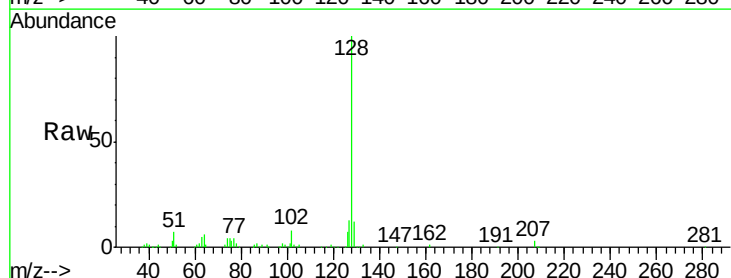
Tgt Ion:128 Resp: 160241

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

129 11.5 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

